

JOYCE, CRIDLAND HYDRAULIC JACKS.



PLAIN JACK.



FIG. 1870.

BASE JACK.

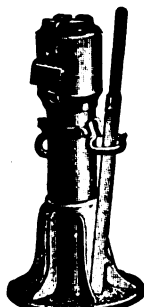


FIG. 1871.

GROUND LIFTING JACK.



FIG. 1872.

Capacity, Tons.	Raise, Inches.	PLAIN JACKS.			BASE JACKS.			GROUND LIFTING JACKS.		
		Height, Inches.	Price, Each.	Weight, Pounds.	Height, Inches.	Price, Each.	Weight, Pounds.	Height, Inches.	Price, Each.	Weight, Pounds.
4	6	17	38.00	43	23	50.00	60	23	52.00	64
4	12	23	42.00	51	29	55.00	68	29	58.00	76
4	18	29	46.00	59	35	61.00	74	35	63.00	88
4	24	35	50.00	67	21	51.00	69	21	56.00	77
7	6	18	39.00	47	24	54.00	75	24	64.00	95
7	9	21	43.00	51	30	61.00	87	30	71.00	113
7	12	24	45.00	63	36	68.00	99	36		
7	18	30	51.00	75	19	51.00	81	19		
7	24	36	57.00	87	22	56.00	89	22		
10	6	19	43.00	68	25	61.00	97	25	63.00	115
10	9	22	47.00	76	31	69.00	112	31	72.00	153
10	12	25	50.00	84	37	78.00	128	37	82.00	172
10	18	31	58.00	98	25	76.00	116	25	79.00	137
10	24	37	65.00	114	32	90.00	137	32	94.00	165
15	12	25	63.00	99	38	104.00	157	38	108.00	192
15	18	32	75.00	120	25	94.00	135	26	99.00	175
15	24	38	87.00	140	32	112.00	161	33	117.00	197
20	12	26	79.00	121	38	130.00	185	39	135.00	229
20	18	33	94.00	147	24	114.00	189	27		
20	24	39	109.00	171	27	126.00	206	27	132.00	230
30	9	24	102.00	159	33	152.00	245	33	158.00	281
30	12	27	106.00	176	39	178.00	283	39	185.00	331
30	18	33	127.00	215	24	132.00	191	27		
30	24	39	148.00	253	27	147.00	210	27	154.00	234
40	9	24	111.00	161	33	178.00	252	33	186.00	288
40	12	27	124.00	180	39	208.00	294	39	216.00	312
40	18	33	148.00	222						
40	24	39	177.00	264						



JOYCE, CRIDLAND HYDRAULIC JACKS.

Outside Pump.



FIG. 1873.

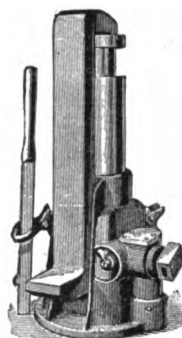


FIG. 1874.

Capacity, Tons.	Raise, Inches.	Height, Inches.	Price, Single Pump, Each.	Price, Double Pump, Each.	Price, Ground Lift Extra. Each.	Weight, Pounds.
10	6	11	51.00	.....	.....	75
10	9	15 1/2	56.00	.....	.....	86
10	12	18 1/2	61.00	.....	.....	95
10	18	24 1/2	69.00	.....	.....	113
10	24	30 1/2	78.00	.....	.....	131
15	6	11 1/2	61.00	.....	.....	94
15	9	15 1/2	69.00	.....	.....	106
15	12	18 1/2	76.00	.....	.....	118
15	18	24 1/2	90.00	.....	.....	142
15	24	30 1/2	104.00	.....	.....	166
20	6	12 1/2	77.00	.....	.....	104
20	9	15 1/2	87.00	.....	.....	118
20	12	18 1/2	94.00	.....	.....	132
20	18	24 1/2	112.00	.....	.....	160
20	24	30 1/2	130.00	.....	.....	188
30	6	13 1/2	102.00	132.00	.....	184
30	9	16 1/2	114.00	144.00	.....	204
30	12	19 1/2	126.00	156.00	22.00	224
30	18	25 1/2	152.00	182.00	32.00	264
30	24	31 1/2	178.00	208.00	.....	304
40	6	14 1/2	117.00	147.00	.....	200
40	9	17 1/2	132.00	162.00	26.00	222
40	12	20 1/2	147.00	177.00	26.00	244
40	18	26 1/2	178.00	208.00	32.00	288
40	24	32 1/2	208.00	238.00	.....	332
60	9	17 1/2	161.00	191.00	26.00	272
60	12	20 1/2	175.00	205.00	32.00	298
60	18	26 1/2	200.00	230.00	34.00	350
80	9	18 1/2	193.00	223.00	.....	357
80	12	21 1/2	208.00	238.00	.....	394
80	18	27 1/2	236.00	266.00	.....	469
100	9	19 1/2	212.00	252.00	.....	450
100	12	22 1/2	236.00	276.00	.....	495
100	18	28 1/2	272.00	312.00	.....	585
150	9	20	344.00	388.00	.....	500
150	12	23	370.00	410.00	.....	550



JACKS.

**RAPID MOVING
RATCHET JACK.**

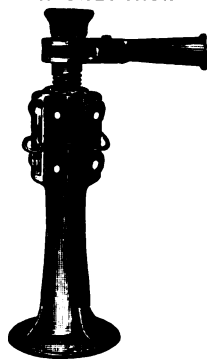


FIG. 1844.

Rapid Moving Ratchet Jacks.

Number.	Height When Down, Inches.	Rise of Screw, Inches.	Price, With Six Way Head, Inches	Price, With Forked Lev- er Ratchet, Each.	Price, With Spring Ratchet, Each.	Price, Ground Lift Bar Extra, Each.	Capacity, Tons.	Diameter of Screw, Inches.	Weight, Pounds.
24	22	11	28.00	30.00	35.00	.....	8	2	48
25	27	15	42.00	.....	50.00	10.00	25	2½	90
26	29	14	78.00	.....	.....	12.00	50	3	164
27	36½	24	57.00	.....	65.00	.....	25	2½	137

LEVER JACKS.



FIG. 1845.
No. 3.



FIG. 1846.
Nos. 1A, 2A, 4, 4A. Nos. 10, 10A.



FIG. 1847.
COMPOUND.

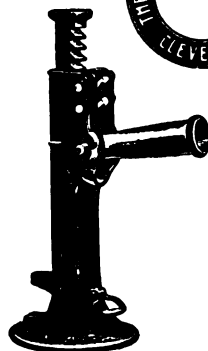


FIG. 1848.
Nos. 6, 7.
COMPOUND WITH TRIP.

WITH TRIP.

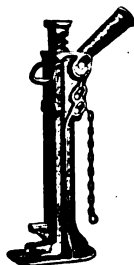


FIG. 1849.
Nos. 4B, 4C, 11.

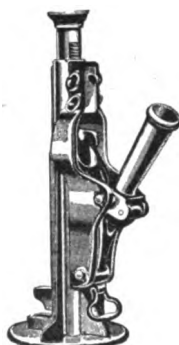


FIG. 1850.
No. 8.



FIG. 1851.
No. 9.

Number.	Height With Bar Down, Inches.	Rise of Bar, Inches.	Price, Each.	Lifting Capacity, Tons.	Size of Bar, Inches.	Weight, Pounds.
1 A	16	8½	10.00	2	1½ x 1½	25
2 A	18½	10	10.00	2	1½ x 1½	27
3	11½	4	10.00	4	1½ x 1½	29
4	22½	14	16.00	4	1½ x 1½	46
4 A	18½	10½	16.00	4	1½ x 1½	38
4 B	22½	12	16.00	4	1½ x 1½	45
4 C	19	9	16.00	4	1½ x 1½	39
6	26½	14	26.00	15	2 x 2	94
7	35	25½	30.00	15	2 x 2	113½
8	29	14	30.00	12	2 Round	100
9	29	14	30.00	12	2 Round	100
10	27	16	23.00	10	1½ x 1½	76
10 A	22½	11½	23.00	10	1½ x 1½	68
11	27	16	23.00	10	1½ x 1½	81

GEARED JACKS.



FIG. 1855.



FIG. 1856.



FIG. 1857.

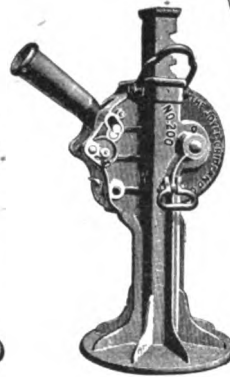


FIG. 1858.

No. 180. Nos. 183, 184.

Nos. 194, 195.

Nos. 200, 201, 202.

Number.	Height With Bar Down, Inches.	Rise of Bar, Inches.	Price, Each.	Lifting Capacity, Tons.	Rise of Bar per Stroke of Lever, Inches.	Size of Bar, Inches.	Weight, Pounds.
180	12	5	35.00	15		2 $\frac{1}{4}$ x 2	90
183	25	15	40.00	15		2 $\frac{1}{4}$ x 2	120
184	25	15	40.00	15		2 $\frac{1}{4}$ x 2	120
194	27	18	50.00	20		2 $\frac{1}{4}$ x 2 $\frac{1}{2}$	150
195	33	22 $\frac{1}{2}$	55.00	20		2 $\frac{1}{4}$ x 2 $\frac{1}{2}$	183
199	22	12	75.00	30		3 x 2 $\frac{1}{2}$	210
200	27	17	75.00	30		3 x 2 $\frac{1}{2}$	237
201	36	26	85.00	30		3 x 2 $\frac{1}{2}$	270
202	31	19 $\frac{1}{2}$	85.00	30		3 x 2 $\frac{1}{2}$	250